INDEX TO VOLUME 34

A

Achalasia (cardiospasm) after treatment, esophageal motility in (Olsen, Schlegel, Creamer, and Ellis), 615

coexistent, of esophagus and hiatal hernia of cardiac end of stomach (Euphrat and Delmonico), 395

Agenesis of upper lobe, supernumerary diaphragm with (Sullivan), 544

Alix, José (with Lozano, Carlos), Bronchospirometry in lateral decubitus positions and in clinical practice: survey of ventilatory efficiency, 365

Allen, M. B., Jr. (with Webb, Watts R.), Use of plastic sponge (Ivalon) in operative procedures for pulmonary tuberculosis, 21

Allen, Peter, Discussion of symposium on cardiac arrest, 518

(with Paneth, Matthias, Sellers, Robert, Gott, Vincent L., Weirich, William L., Read, Raymond C., and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Alley, Arthur A. (with Kausel, Harvey W., Reeve, Thomas S., Stein, Arthur A., and Stranahan, Allan), Anatomic and pathologic studies of thoracic duct, 631

American Association for Thoracic Surgery, Announcement 38th Annual Meeting, 139, 281, 421, 561, 707, 829

Presidential Address (Haight), 141

Thoracic surgery forum, 563-706

Anesthesia in patients undergoing thoracic surgery, induction of: experimental studies in volunteers with synthetic steroid, Viadril (Tonelli), 56

Aneurysm, false, insertion of Hufnagel valve for aortic insufficiency complicated by development of (Wolcott and Ellison), 111

Aorta and pulmonary artery, surgical correction of transposition of (Baffes, Riker, De Boer, and Potts), 469

and superior vena cava, fistula between; report of traumatic case with surgical repair (Meredith and Bradshaw), 278

Aortic aneurysm, alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of (Morris, Witt, Cooley, Moyer, and DeBakey), 590

commissurotomy: physiologic evaluation by combined heart catheterization (Smith, Bailey, and Goldberg), 815

insufficiency complicated by development of false aneurysm, insertion of Hufnagel valve for (Wolcott and Ellison), 111

Arterial patterns of left upper lobe (Birnbaum), 126

of right upper lobe (Birnbaum), 384

Arteries, internal mammary, ligation of, as means of increasing blood supply to myocardium (Davila, Kyle, Beard, Trout, and Kitchell), 661

lobar pulmonary, hypoplasia of; report of three cases (Belcher and Pattinson), 357

Atelectasis, massive, of left lung in children with congenital heart disease, (Rivkin, Read, Lillehei, and Varco), 116

Atresias, esophageal, and tracheoesophageal fistulas of congenital origin, some observations on (Haight), 141

Atrial septal defects, physiologic considerations of intracardiac pressures following closure of (Bahnson and Williams), 685

under hypothermia, coronary perfusion as aid to open repair of (Maloney, Marable, and Longmire), 580

Auerbach, Oscar (with Gere, J. Brewster, Pawlowski, Joseph M., Muehsam, Gerald E., Smolin, Harold J., and Stout, Arthur Purdy), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298, 309

Auerbach, Stewart H. (with Phillips, Reginald J., Jr., Schultz, Don L., Carlson, Robert I., Schell, Merrill W., and Grace, James T.), Effects of cortisone on healing of bronchial stump in dogs, 67

Aves, Fred H. (with Fitch, Edward A., and Glass, Henry Goodwin), Ivalon as chest wall prosthesis, 265

B

Baffes, Thomas G. (with Riker, William L., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of aorta and pulmonary artery, 469, 484

Bahnson, Henry G. (with Williams, G. Rainey), Physiologic considerations of intracardiac pressures following closure of atrial septal defects, 685

Bailey, Charles P., Discussion of mitral valve disease, 467

Discussion of symposium on cardiac arrest, 520

(with Smith, Ralph C., and Goldberg, Harry), Aortic commissurotomy: physiologic evaluation by combined heart catheterization, 815

Baronofsky, Ivan D. (with Warden, Horace G., Kaufman, James L. Whatley, Joseph, and Hanner, Joseph M.), Bilateral therapy for unilateral spontaneous pneumothorax, 310, 322

Barrie, H. J. (with Watt, H. J.), Long-standing thrombosis of pulmonary arteries complicating valvulotomy for mitral stenosis, 804

Beard, John C., Jr. (with Glover, Robert P., Davila, Julio C., Kyle, Robert H., Trout, Robert G., and Kitchell, J. Roderick), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661

Belcher, J. R. (with Pattinson, J. N.) Hypoplasia of lobar pulmonary arteries; report of three cases, 357

Benign granular-cell myoblastoma of bronchus (Peterson, Soule, and Bernatz), 95

Benjamin, Robert B. (with Turbak, Charles E., and Lewis, F. John), Effects of air embolism in systemic circulation and prevention during open cardiac surgery, 548

(with Flom, Robert S., MacLean, Lloyd D., and Lewis, F. John), Gradual closure of interatrial defects, 679

Berg, Ralph, Jr. (with Dabbs, C. Harwell, and Peirce, E. Converse, II), Intrapericardial bronchogenic cysts, 718

Bernatz, Philip E. (with Peterson, Paul A., Jr., and Soule, Edward H.), Benign granular-cell myoblastoma of bronchus, 95

Bernstein, William H. (with Litwak, Robert S., Samet, Philip, Silverman, Leonard M., Turkewitz, H., and Lesser, Milton E.), Effect of exercise upon mean diastolic left atrial-left ventricular gradient in mitral stenosis, 449

Beskin, Charles A., Rupture-separation of cervical trachea following closed chest injury; report of case successfully treated by primary anastomosis, 392

Best, Richard J. (with Giannelli, Stanley, Jr., Molthan, Marian F., Dull, James A., and Kirby, Charles K.), Effects produced by various types of pump-oxygenators during two-hour partial infusions in dogs, 563

Bilateral therapy for unilateral spontaneous pneumothorax (Baronofsky, Warden, Kaufman, Whatley, and Hanner), 310

Bilobectomy, ten-year survival of metastatic pulmonary choriocarcinoma following (Leahy, Constantine, and Herrmann), 539

Birnbaum, George L., Arterial patterns of left upper lobe, 126

Arterial patterns of right upper lobe, 384

Björk, Viking Olov (with Engström, Carl-Gunnar), Treatment of ventilatory insufficiency by tracheostomy and artificial ventilation; study of 61 thoracic surgical cases, 228

Black, Harrison, Discussion of mitral valve disease, 464

Blakemore, W. S., Discussion of value of routine pulmonary function studies in thoracic surgical cases; results in 212 cases, 355

(with Schnabel, T. G., Jr., Kuo, P. T., Conn, H. L., Jr., Langfeld, S. B., Heiman, D. D., and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436, 467

Blades, Brian, Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 321

Boffi, L. (with Massimo, C.), Myocardial revascularization by new method of carrying blood directly from left ventricular cavity into coronary circulation, 257

Bougas, J. A., Discussion of mitral valve disease, 465

Bradford, J. K. (with Hatch, Hurst B., Jr., and Ochsner, Alton), Value of routine pulmonary function studies in thoracic surgical cases; results in 212 cases, 351

Bradshaw, H. H. (with Meredith, Jesse H.), Fistula between aorta and superior vena cava; report of traumatic case with surgical repair, 278

Breckler, I. Alfred, Congenital segmental emphysema of lung, 177

Brofman, Bernard L., Discussion thoracic surgery forum, 705

(with Charms, Bernard L., Kohn, Paul M., Elder, John, Newman, Robert, and Rizika, Mary), Unilateral pulmonary artery occlusion in man; control studies, 206

Bronchial stump in dogs, effects of cortisone on healing of (Phillips, Schultz, Carlson, Auerbach, Schell, and Grace), 67

Bronchogenic cysts, intrapericardial (Dabbs, Berg, and Peirce), 718

Bronchography, air contrast (Haidak, Caplan, and Maloney), 63
Bronchospirometry in lateral decubitus positions and in clinical practice: survey of ventilatory efficiency (Alix and Lozano), 365
Bronchus, benign granular-cell myoblastoma of (Peterson, Soule, and Bernatz), 95
Brooks, J. W., Discussion of traumatic rupture of diaphragm, 798
Bruwer, André J. (with Plum, George E., Hayles, Alvin B., and Clagett, O. Theron), Supernumerary intrathoracic rib, 800
Buckingham, W. W. (with Polk, John W., and Cubiles, J. A.), Surgical treatment of chronic progressive pulmonary histoplasmosis, 323, 343
Buraczewski, Janusz (with Rudowski, Witold), Chordoma of thoracic spine appearing as mediastinal tumor, 75
Burford, Thomas H., Discussion of hiatus hernia, 777
Butler, Ethan Flagg, Discussion thoracic surgery forum, 587
By-pass, mechanical, during thoracic aortic cross-clamping (King and Shumacker), 485
  prolonged cardiopulmonary, physiologic studies upon, with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage (Paneth, Sellers, Gott, Weirich, Allen, Read, and Lillehei), 570
Byron, Francis X. (with Fields, Josh, Hood, Richard, and Foster, Augustus), Use of rigid prostheses in vascular surgery, 423, 435

C

Canine heart, transplantation of homologous (Sayegh and Creech), 692
Caplan, Bernerd (with Haidak, Gerald L., and Maloney, Walter H.), Air contrast bronchography, 63
Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma (Auerbach, Gere, Pawlowski, Muehsam, Smolin, and Stout), 298
Carcinoma of lung, roentgen study of evolution of (Rigler), 283
Cardiac arrest, elective—adjunct to open-heart surgery (Effler, Groves, Sones, Knight, and Kolff), 500
  arrhythmias complicating pulmonary surgery, prophylaxis of (Cerney), 105
  surgery, an instrument table for (Read and Scholtes), 137
Cardioplegia (induced cardiac arrest) in repair of interventricular septal defects, experiences in use of (Lam, Gahagan, Sergeant, and Green), 509
Cardiopulmonary by-pass, prolonged, with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, physiologic studies upon (Paneth, Sellers, Gott, Weirich, Allen, Read, and Lillehei), 570
(Cardiospasm), achalasia, after treatment, esophageal motility in (Olsen, Schlegel, Creamer, and Ellis), 615
  experimental approach to: appraisal of Finney pyloroplasty in prevention of esophagitis following Heller myotomy (Herron, Thomas, and Merendino), 609
Carlson, Robert I. (with Phillips, Reginald J., Jr., Schultz, Don L., Auerbach, Stewart H., Schell, Merrill W., and Grace, James T.), Effects of cortisone on healing of bronchial stump in dogs, 67
Carter, Max G., Discussion of use of rigid prostheses in vascular surgery, 435
Catheterization, left heart, diagnostic and physiologic measurements using (Blakemore, Schnabel, Kuo, Conn, Langfeld, Heiman, and Woske), 436
  evaluation of clinical application in 450 cases (Musser and Goldberg), 414
Cerney, Charles L., Prophylaxis of cardiac arrhythmias complicating pulmonary surgery; preliminary report, 105
Charms, Bernard L. (with Brofman, Bernard L., Kohn, Paul M., Elder, John, Newman, Robert, and Rizika, Mary), Unilateral pulmonary artery occlusion in man; control studies, 206
Chest wall, anterior, etiology and pathogenesis of funnel chest, pigeon breast, and related deformities of (Lester), 1
  prosthesis, Ivalon as a (Fitch, Glass, and Aves), 265
Chordoma of thoracic spine appearing as mediastinal tumor (Buraczewski and Rudowski), 75
Choriocarcinoma, metastatic pulmonary, ten-year survival of, following bilobectomy (Leahy, Constantine, and Herrmann), 539
Chylothorax, spontaneous, with bronchopleural fistula (Greenberger and Hurwitz), 399
Cinefluorography and intraluminal pressure recordings, neuromuscular imbalance of esophagus associated with hiatal hernia as studied by means of (Cross, Kay, and Johnson), 736
Clagett, O. Theron (with Gatchell, Frank G., and McDonald, John R.), Desmoid tumor of intercostal muscles and thoracic wall, 184
  (with Plum, George E., Hayles, Alvin B., and Bruwer, André J.), Supernumerary intrathoracic rib, 800

Clowes, George H. A., Discussion of EEG in intracardiac operations, 716
Discussion thoracic surgery forum, 589
Collis, J. Leigh, Operation for hiatus hernia with short esophagus, 768, 778
Conn, H. L., Jr. (with Blakemore, W. S., Schnabel, T. G., Jr., Kuo, P. T., Langfeld, S. B., Heiman, D. D., and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436
Constantine, Anthony (with Leahy, Leon J., and Herrmann, Jack W.), Ten-year survival of metastatic pulmonary choriocarcinoma following bilobectomy, 539
Cooley, Denton A. (with Morris, George C., Jr., Witt, Raymond R., Moyer, John H., and DeBakey, Michael E.), Alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, 590
(with Pontius, Robert G.), Modified sternal retractor for bilateral anterior thoracotomy, 135
Cope, Jerome A. (with Ellison, Robert G.), Infected patent ductus arteriosus with massive lung infarction, 190
Coronary arteries, direct surgical procedures on: experimental studies (Julian, Lopez-Belio, Moorehead, and Lima), 654
circulation, myocardial revascularization by new method of carrying blood directly from left ventricular cavity into (Massimo and Boffi), 257
perfusion as an aid to open repair of atrial septal defects under hypothermia (Maloney, Marable, and Longmire), 580
Cortisone on healing of bronchial stump in dogs, effects of (Phillips, Schultz, Carlson, Auerbach, Schell, and Grace), 67
Creamer, Brian (with Olsen, Arthur M., Schlegel, Jerry F., and Ellis, F. Henry, Jr.), Esophageal motility in achalasia (cardiospasm) after treatment, 615
Creech, Oscar, Jr. (with Sayegh, Salem F.), Transplantation of homologous canine heart, 692
Cross, Frederick S. (with Kay, Earle B., and Johnson, George F.), Neuromuscular imbalance of esophagus associated with hiatal hernia as studied by means of cinefluorography and intraluminal pressure recordings, 736, 748
Cubiles, J. A. (with Polk, John W., and Buckingham, W. W.), Surgical treatment of chronic progressive pulmonary histoplasmosis, 323
Cyst, enterogenous, of thorax with pancreatic tissue as constituent (Shillitoe and Wilson), 810
Cysts, intrapericardial bronchogenic (Dabbs, Berg, and Peirce), 718

D

Dabbs, C. Harwell (with Berg, Ralph, Jr., and Peirce, E. Converse, II), Intrapericardial bronchogenic cysts, 718
Davila, Julio C., Discussion of mitral valve disease, 467
(with Glover, Robert P., Kyle, Robert H., Beard, John C., Jr., Trout, Robert G., and Kitchell, J. Roderick), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661
DeBakey, M. E., Discussion of mechanical by-pass during thoracic aortic cross-clamping, 498
Discussion of use of rigid prostheses in vascular surgery, 435
(with Morris, George C., Jr., Witt, Raymond R., Cooley, Denton A., and Moyer, John H.), Alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, 590
(with Heaney, John P., and Overton, Robert C.), Benign localized pleural mesothelioma; report of two cases, 553
De Boer, Arthur (with Baffes, Thomas G., Riker, William L., and Potts, Willis J.), Surgical correction of transposition of aorta and pulmonary artery, 469
De Camp, Paul, Discussion thoracic surgery forum, 587
Delmonico, J. Ernest, Jr. (with Euphrat, Edwin J.), Coexistent achalasia of esophagus and hiatal hernia of cardiac end of stomach, 395
Dennis, Clarence, Discussion thoracic surgery forum, 587
Desforges, Gerard, Discussion of traumatic rupture of diaphragm, 799
(with Strieder, John W., Lynch, Joseph, P., and Madoff, Irving M.), Traumatic rupture of diaphragm, 779
Desmoid tumor of intercostal muscles and thoracic wall (Gatchell, Clagett, and McDonald), 184
Deterling, Ralph A., Discussion of symposium on cardiac arrest, 519
Discussion of use of rigid prostheses in vascular surgery, 434
Devenis, Algirdas M. (with Otis, Richard D.), Tracheal atresia associated with tracheoesophageal fistula, 405
Diaphragm, esophageal hiatus hernia of (Humphreys, Ferrer, and Wiedel), 749
supernumerary, with agenesis of upper lobe (Sullivan), 544
traumatic rupture of (Desforges, Strieder, Lynch, and Madoff), 779
Drug resistance in surgical treatment of pulmonary tuberculosis, study of role of; (Jan., 1947–June, 1956) (Sweetman and Salyer), 344
Duct, thoracic, anatomic and pathologic studies of (Kausel, Reeve, Stein, Alley, and Stranahan), 631

Dull, James A. (with Giannelli, Stanley, Jr., Molthan, Marian F., Best, Richard J., and Kirby, Charles K.), Effects produced by various types of pump-oxygenators during two-hour partial infusions in dogs, 563

E

Effler, Donald B. (with Groves, Laurence K., Sones, F. Mason, Jr., Knight, Harold F., Jr., and Kolff, Willem J.), Elective cardiac arrest—an adjunct to open-heart surgery, 500, 520

Ehrenhaft, J. L., Discussion of symposium on cardiac arrest, 518

Elder, John (with Brofman, Bernard L., Charms, Bernard L., Kohn, Paul M., Newman, Robert, and Rizika, Mary), Unilateral pulmonary artery occlusion in man; control studies, 206

Electrocardiogram in patients with pulmonary tuberculosis, influence of intra- and extrathoracic operations on (Laros and van der Slikke), 11

Electro-encephalogram in patients undergoing open intracardiac operations with aid of extracorporeal circulation (Theye, Patrick, and Kirklin), 709

Ellis, F. Henry, Jr. (with Olsen, Arthur M., Schlegel, Jerry F., and Creamer, Brian), Esophageal motility in achalasia (cardiospasm) after treatment, 615

Ellison, Robert G. (with Cope, Jerome A.), Infected patent ductus arteriosus with massive lung infarction, 190

(with Wolcott, M. W.), Insertion of Hufnagel valve for aortic insufficiency complicated by development of false aneurysm), 111

Embolism, air, effects of, in systemic circulation and prevention during open cardiac surgery (Benjamin, Turbak, and Lewis), 548

Emphysema, congenital segmental, of lung (Breckler), 177

Engström, Carl-Gunnar (with Björk, Viking Olov), Treatment of ventilatory insufficiency by tracheostomy and artificial ventilation; study of 61 thoracic surgical cases, 228

Enterogenous cyst of thorax with pancreatic tissue as constituent (Shillitoe and Wilson), 810

Esophageal atresias and tracheoesophageal fistulas of congenital origin (Haight), 141

motility in achalasia (cardiospasm) after treatment (Olsen, Schlegel, Creamer, and Ellis), 615

Esophagitis following Heller myotomy, appraisal of Finney pyloroplasty in prevention of: experimental approach to cardiospasm (Herron, Thomas, and Merendino), 609

Esophagopericardial fistula; report of case and review of literature (McDaniel and Knepper), 173

Esophagus and hiatal hernia of cardiac end of stomach, coexistent achalasia of (Euphrat and Delmonico), 395

neuromuscular imbalance of, associated with hiatal hernia as studied by means of cinefluorography and intraluminal pressure recordings (Cross, Kay, and Johnson), 736

operation for hiatus hernia with short (Collis), 768

Euphrat, Edwin (with Delmonico, J. Ernest, Jr.), Coexistent achalasia of esophagus and hiatal hernia of cardiac end of stomach, 395

Exercise, effect of, upon mean diastolic left atrial—left ventricular gradient in mitral stenosis (Litwak, Samet, Bernstein, Silverman, Turkewitz, and Lesser), 449

Extracorporeal circulation, alterations in renal hemodynamics during controlled, in surgical treatment of aortic aneurysm (Morris, Witt, Cooley, Moyer, and DeBakey), 590

electro-encephalogram in patients undergoing open intracardiac operations with aid of (Theye, Patrick, and Kirklin), 709

F

Ferrer, Jose M., Jr. (with Humphreys, George H., II, and Wiedel, Philip D.), Esophageal hiatus hernia of diaphragm, 749

Fibrillation, ventricular, study of, by threshold determinations (Shumway, Johnson, and Stish), 643

Fields, Josh (with Byron, Francis X., Hood, Richard, and Foster, Augustus), Use of rigid prostheses in vascular surgery, 423

Finney pyloroplasty in prevention of esophagitis following Heller myotomy, appraisal of: an experimental approach to cardiospasm (Herron, Thomas, and Merendino), 609

Fistula between aorta and superior vena cava; report of traumatic case with surgical repair (Meredith and Bradshaw), 278

bronchopleural, after pulmonary resection, conservative treatment of (Pacheco, Gongora, Rivero, and Green), 196

spontaneous chylothorax with (Greenberger and Hurwitz), 399

esophagopericardial; report of case and review of literature (McDaniel and Knepper), 173

tracheoesophageal, tracheal atresia associated with (Devenis and Otis), 405

Fistulas, tracheoesophageal, of congenital origin, some observations on esophageal atresias and (Haight), 141

Fitch, Edward A. (with Glass, Henry Goodwin, and Aves, Fred H.), Ivalon as chest wall prosthesis, 265

Fletcher, Herbert P., Technical assistant, 242, 250

Flom, Robert S. (with Benjamin, Robert B., MacLean, Lloyd D., and Lewis, F. John), Gradual closure of interatrial defects, 679

Foster, Augustus (with Byron, Francis X., Fields, Josh, and Hood, Richard), Use of rigid prostheses in vascular surgery, 423

Funnel chest, pigeon breast, and related deformities of anterior chest wall, etiology and pathogenesis of (Lester), 1

G

Gahagan, Thomas (with Lam, Conrad R., Sergeant, Charles K., and Green, Edward), Experiences in use of cardioplegia (induced cardiac arrest) in repair of interventricular septal defects, 509

Gastrectomy, total: two case reports introducing use of two Levin tubes for aspiration and feeding purposes (Sive and Rhone), 521

Gerbode, Frank, Discussion of mechanical bypass during thoracic aortic cross-clamping, 499

Discussion thoracic surgery forum, 705

Gere, J. Brewster (with Auerbach, Oscar, Pawlowski, Joseph M., Muehsam, Gerald E., Smolin, Harold J., and Stout, Arthur Purdy), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298

Giannelli, Stanley, Jr. (with Molthan, Marian F., Best, Richard J., Dull, James A., and Kirby, Charles K.), Effects produced by various types of pump-oxygenators during two-hour partial infusions in dogs, 563

Glass, Henry Goodwin (with Fitch, Edward A., and Aves, Fred H.), Ivalon chest wall prosthesis, 265

Glover, Robert P., Discussion thoracic surgery forum, 706

(with Davila, Julio C., Kyle, Robert H., Beard, John C., Jr., Trout, Robert G., and Kitchell, J. Roderick), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661

Goldberg, Harry (with Smith, Ralph C., and Bailey, Charles P.), Aortic commissurotomy: physiologic evaluation by combined heart catheterization, 815

Goldberg, Harry (with Musser, Benjamin G.), Left heart catheterization; evaluation of clinical application in 450 cases, 414

Gongora, Ernesto (with Pacheco, Carlos R., Rivero, Octavio, and Green, Leon), Conservative treatment of bronchopleural fistula after pulmonary resection, 196

Gordon, Joseph, Discussion of study of role of drug resistance in surgical treatment of pulmonary tuberculosis, 348

Gorlin, Richard (with Knowles, John H., and Storey, Clifford F., with technical assistance of Fletcher, Herbert P., and Guinee, Robert W.), Effects of pleural talc poudrage on pulmonary function, 250

(with Knowles, John H., and Storey, Clifford F., with technical assistance of Fletcher, Herbert P., and Smith, Sandy H.), Effects of thoracotomy on pulmonary function; patients with localized pulmonary disease, 242

Gott, Vincent L. (with Paneth, Matthias, Sellers, Robert, Weirich, William L., Allen, Peter, Read, Raymond C., and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Grace, James T. (with Phillips, Reginald J., Jr., Schultz, Don L., Carlson, Robert I., Auerbach, Stewart H., and Schell, Merrill W.), Effects of cortisone on healing of bronchial stump in dogs, 67

Gradient, left atrial–left ventricular, in mitral stenosis, effects of exercise upon mean diastolic (Litwak, Samet, Bernstein, Silverman, Turkewitz, and Lesser), 449

Granular-cell myoblastoma, primary, of bronchus; report of case with resection (Hebert, Seale, and Samson), 409

Green, Edward (with Lam, Conrad R., Gahagan, Thomas, and Sergeant, Charles K.), Experiences in use of cardioplegia (induced cardiac arrest) in repair of interventricular septal defects, 509

Green, Leon (with Pacheco, Carlos R., Gongora, Ernesto, and Rivero, Octavio), Conservative treatment of bronchopleural fistula after pulmonary resection, 196

Greenberger, George (with Hurwitz, Alfred), Spontaneous chylothorax with bronchopleural fistula, 399

Grimes, Orville F., Discussion of hiatus hernia, 774

Groves, Laurence K. (with Effler, Donald B., Sones, F. Mason, Jr., Knight, Harold F., Jr., and Kolff, Willem J.), Elective cardiac arrest—an adjunct to open-heart surgery, 500
Guinee, Robert W., Technical assistant, 250
Gustafson, I. J. (with Strandness, D. E., Jr., and Payne, J. T.), Surgical resection of thoracic trachea: experimental study in dogs, 269

H

Haidak, Gerald L. (with Caplan, Bernerd, and Maloney, Walter H.), Air contrast bronchography, 63
Haight, Cameron, Discussion of cinefluorography in study of esophagus, 747
Some observations on esophageal atresias and tracheoesophageal fistulas of congenital origin—Presidential address, 141
Hanner, Joseph M. (with Baronofsky, Ivan D., Warden, Horace G., Kaufman, James L., and Whatley, Joseph), Bilateral therapy for unilateral spontaneous pneumothorax, 310
Harrington, Stuart W., Discussion of hiatus hernia, 776
Hasegawa, Ichiro (with Sato, Rikuhei, and Nakagawa, Jiro), Experimental study of tracheal reconstruction, 526
Hatch, Hurst B., Jr. (with Bradford, J. K., and Ochsner, Alton), Value of routine pulmonary function studies in thoracic surgical cases; results in 212 cases, 351, 356
Hayles, Alvin B. (with Plum, George E., Bruwer, André J., and Clagett, O. Theron), Supernumerary intrathoracic rib, 800
Heaney, John P. (with Overton, Robert C., and DeBakey, Michael E.), Benign localized pleural mesothelioma; report of two cases, 553
Heart catheterization, left, diagnostic and physiologic measurements using (Blakemore, Schnabel, Kuo, Conn, Langfeld, Heiman, and Woske), 436
evaluation of clinical application in 450 cases (Musser and Goldberg), 414
physiologic evaluation by combined: aortic commissurotomy (Smith, Bailey, and Goldberg), 815
disease, congenital, massive atelectasis of left lung in children with (Rivkin, Read, Lillehei, and Varco), 116
homologous canine, transplantation of (Sayegh and Creech), 692
Hebert, William M. (with Seale, Ruth H., and Samson, Paul C.), Primary granular-cell myoblastoma of bronchus; report of case with resection, 409
Heiman, D. D. (with Blakemore, W. S., Schnabel, T. G., Jr., Kuo, P. T., Conn, H. L., Jr., Langfeld, S. B., and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436
Heller myotomy, appraisal of Finney pyloroplasty in prevention of esophagitis following: an experimental approach to cardiospasm (Herron, Thomas, and Merendino), 609
Hemodynamics, renal, alterations in, during controlled extracorporeal circulation in surgical treatment of aortic aneurysm (Morris, Witt, Cooley, Moyer, and DeBakey), 590
Herrmann, Jack W. (with Leahy, Leon J., and Constantine, Anthony) Ten-year survival of metastatic pulmonary choriocarcinoma following bilobectomy, 539
Herron, Paul W. (with Thomas, George I., and Merendino, K. Alvin), Experimental approach to cardiospasm: appraisal of Finney pyloroplasty in prevention of esophagitis following Heller myotomy, 609
Hiatal hernia studied by means of cinefluorography and intraluminal pressure recordings, neuromuscular imbalance of esophagus associated with (Cross, Kay, and Johnson), 736
of cardiac end of stomach, coexistent achalasia of esophagus and (Euphrat and Delmonico), 395
Hiatus hernia, esophageal, of diaphragm (Humphreys, Ferrer, and Wiedel), 749
with short esophagus, operation for (Collis), 768
Himmelstein, Aaron, Discussion thoracic surgery forum, 641
Histoplasmosis, surgical treatment of chronic progressive pulmonary (Polk, Cubiles, and Buckingham), 323
Hood, Richard (with Byron, Francis X., Fields, Josh, and Foster, Augustus), Use of rigid prostheses in vascular surgery, 423
Hufnagel valve for aortic insufficiency complicated by development of false aneurysm, insertion of (Wolcott and Ellison), 111
Humphreys, George H., II (with Ferrer, Jose M., Jr., and Wiedel, Philip D.), Esophageal hiatus hernia of diaphragm, 749, 778
Hypertonic sodium chloride solution, postoperative sodium excretion following administration of (Kovarik and Laws), 624
Hypoplasia of lobar pulmonary arteries; report of three cases (Belcher and Pattinson), 357
Hypothermia, coronary perfusion as an aid to open repair of atrial septal defects under (Maloney, Marable, and Longmire), 580

Hurwitz, Alfred (with Greenberger, George), Spontaneous chylothorax with bronchopleural fistula, 399

I

Infarction, massive lung, infected patent ductus arteriosus with (Cope and Ellison), 190
Instrument table for cardiac surgery (Read and Scholtes), 137
Interatrial defects, gradual closure of (Benjamin, Flom, MacLean, and Lewis), 679
Interventricular septal defects, experiences in use of cardioplegia (induced cardiac arrest) in repair of (Lam, Gahagan, Sergeant, and Green), 509
Intracardiac operations with aid of extracorporeal circulation, the electroencephalogram in patients undergoing open (Theye, Patrick, and Kirklin), 709
pressures following closure of atrial septal defects, physiologic considerations of (Bahnson and Williams), 685
Intrapericardial bronchogenic cysts (Dabbs, Berg, and Peirce), 718
Intrathoracic rib, supernumerary (Plum, Hayles, Bruwer, and Clagett), 800
Ivalon as chest wall prosthesis (Fitch, Glass, and Aves), 265

J

Janes, Robert M., Discussion of traumatic rupture of diaphragm, 798
Jesseph, John E., Discussion of surgical correction of transposition of aorta and pulmonary artery, 483
Discussion of symposium on cardiac arrest, 519
Johnson, George F. (with Cross, Frederick S., and Kay, Earle B.), Neuromuscular imbalance of esophagus associated with hiatal hernia as studied by means of cinefluorography and intraluminal pressure recordings, 736
Johnson, John A. (with Shumway, Norman E., and Stish, Richard J.), Study of ventricular fibrillation by thesh-old determinations, 643
Johnson, Julian, Discussion of symposium on carcinoma of lung, 308
Joly, Henry (with Tulou, Pierre, Tiret, Jacques, and Villemin, Jean), Plombage in surgical treatment of pulmonary tuberculosis, 36
Julian, Ormand C., Discussion thoracic surgery forum, 706
(with Lopez-Belio, M., Moorehead, Donald, and Lima, Andre), Direct surgical procedures on coronary arteries: experimental studies, 654

K

Kantrowitz, Adrian, Discussion thoracic surgery forum, 504
Karlson, Karl E., Discussion of EEG in intracardiac operations, 716
Kaufman, James L. (with Baronofsky, Ivan D., Warden, Horace, Whatley, Joseph, and Hanner, Joseph M.), Bilateral therapy for unilateral spontaneous pneumothorax, 310
Kausel, Harvey W. (with Reeve, Thomas S., Stein, Arthur A., Alley, Ralph D., and Stranahan, Allan), Anatomic and pathologic studies of thoracic duct, 631
Kay, Earle B., Discussion of hiatus hernia, 775
Discussion of surgical correction of transposition of aorta and pulmonary artery, 482
(with Cross, Frederick S., and Johnson, George F.), Neuromuscular imbalance of esophagus associated with hiatal hernia as studied by means of cinefluorography and intraluminal pressure recordings, 736
Kergin, Frederick G., Discussion of traumatic rupture of diaphragm, 799
King, Harold (with Shumacker, Harris B., Jr.), Mechanical by-pass during thoracic aortic cross-clamping, 485
Kirby, Charles K. (with Giannelli, Stanley, Jr., Molthan, Marian F., Best, Richard J., and Dull, James A.), Effects produced by various types of pump-oxygenators during two-hour partial infusions in dogs, 563
Kirklin, John W. (with Theye, Richard A., and Patrick, Robert T.), Electroencephalogram in patients undergoing open intracardiac operations with aid of extracorporeal circulation, 709
Kirschner, Paul A., Discussion of mitral valve disease, 466
Kitchell, J. Roderick (with Glover, Robert P., Davila, Julio C., Kyle, Robert H., Beard, John C., Jr., and Trout, Robert G.), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661
Klopstock, Robert, Discussion of study of role of drug resistance in surgical treatment of pulmonary tuberculosis, 349
Discussion thoracic surgery forum, 704
Knepper, P. A. (with McDaniel, J. R.), Esophagopericardial fistula; report of case and review of literature, 173
Knight, Harold F., Jr. (with Effler, Donald B., Groves, Laurence K., Sones, F. Mason, Jr., and Kolff, Willem J.), Elective cardiac arrest—adjunct to open-heart surgery, 500

Knowles, John H. (with Gorlin, Richard, and Storey, Clifford F., with technical assistance of Fletcher, Herbert P., and Guinee, Robert W.), Effects of pleural talc poudrage on pulmonary function, 250

(with Gorlin, Richard, and Storey, Clifford F., with technical assistance of Fletcher, Herbert P., and Smith, Sandy H.), Effects of thoracotomy on pulmonary function; patients with localized pulmonary disease, 242

Kohn, Paul M. (with Brofman, Bernard L., Charms, Bernard L., Elder, John, Newman, Robert, and Rizika, Mary), Unilateral pulmonary artery occlusion in man; control studies, 206

Kolff, Willem J. (with Effler, Donald B., Groves, Laurence K., Sones, F. Mason, Jr., and Knight, Harold F., Jr.), Elective cardiac arrest—an adjunct to open-heart surgery, 500

Kovarik, Joseph L. (with Laws, John F.), Postoperative sodium excretion following administration of hypertonic sodium chloride solution, 624

Kuo, P. T. (with Blakemore, W. S., Schnabel, T. G., Jr., Conn, H. L., Jr., Langfeld, S. B., Heiman, D. D., and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436

Kyle, Robert H. (with Glover, Robert P., Davila, Julio C., Beard, John C., Jr., Trout, Robert G., and Kitchell, J. Roderick), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661

L

Lam, Conrad R., Discussion of hiatus hernia, 776

(with Gargan, Thomas, Sergeant, Charles K., and Green, Edward), Experiences in use of cardioplegia (induced cardiac arrest) in repair of interventricular septal defects, 509, 520

Laminagraphic interpretation in pulmonary tuberculosis, limitations of (Thomas), 53

Langfeld, S. B. (with Blakemore, W. S., Schnabel, T. G., Jr., Kuo, P. T., Conn, H. L., Jr., Heiman, D. D. and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436

Laros, C. D. (with van der Slikke, L. B.), Influence of intra- and extrathoracic operations on electrocardiogram in patients with pulmonary tuberculosis, 11

Laws, John F. (with Kovarik, Joseph L.), Postoperative sodium excretion following administration of hypertonic sodium chloride solution, 624

Leahy, Leon J. (with Constantine, Anthony, and Herrmann, Jack W.), Ten-year survival of metastatic pulmonary choriocarcinoma following bilobectomy, 539

Leeds, Sanford E., Discussion of mechanical by-pass during thoracic aortic cross-clamping, 499

Lesser, Milton E. (with Litwak, Robert S., Samet, Philip, Bernstein, William H., Silverman, Leonard M., and Turkewitz, H.), Effect of exercise upon mean diastolic left atrial-left ventricular gradient in mitral stenosis, 449

Lester, Charles W., Etiology and pathogenesis of funnel chest, pigeon breast, and related deformities of anterior chest wall, 1

Levin tubes, two, for aspiration and feeding purposes, two case reports introducing use of: total gastrectomy (Sive and Rhone), 521

Lewis, F. John (with Benjamin, Robert B.) and Turbak, Charles E.), Effects of air embolism in systemic circulation and prevention during open cardiac surgery, 548

(with Benjamin, Robert B., Flom, Robert S., MacLean, Lloyd D.), Gradual closure of interatrial defects, 679

Ligation of internal mammary arteries as means of increasing blood supply to myocardium (Glover, Davila, Kyle, Beard, Trout, and Kitchell), 661

Lillehei, C. Walton (with Rivkin, Laurence M., Read, Raymond C., and Varco, Richard L.), Massive atelectasis of left lung in children with congenital heart disease, 116

(with Paneth, Matthias, Sellers, Robert, Gott, Vincent L., Weirich, William L., Allen, Peter, and Read, Raymond C.), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Litwak, Robert S. (with Samet, Philip, Bernstein, William H., Silverman, Leonard M., Turkewitz, H., and Lesser, Milton E.) Effect of exercise upon mean diastolic left atrial–left ventricular gradient in mitral stenosis 449, 468

Lobe, arterial patterns of left upper (Birnbaum), 126

upper, supernumerary diaphragm with agenesis of (Sullivan), 544

Longmire, William P., Jr. (with Maloney, James V., Jr., and Marable, Samuel), Coronary perfusion as aid to open repair of atrial septal defects under hypothermia, 580

Lopez-Belio, M. (with Julian, O. C., Moorehead, Donald, and Lima, Andre), Direct surgical procedures on coronary arteries: experimental studies, 654

Lozano, Carlos (with Alix, José), Bronchospirometry in lateral decubitus positions and in clinical practice: survey of ventilatory efficiency, 365

Lucido, Joseph L., Discussion of traumatic rupture of diaphragm, 799

Lung abscesses, tularemic, two reports of: pleuropulmonary complications of tularemia (Sanborn and Purcell), 85

congenital segmental emphysema of (Breckler), 177

infarction, infected patent ductus arteriosus with massive (Cope and Ellison), 190

Lynch, Joseph P. (with Desforges, Strieder, and Madoff), Traumatic rupture of diaphragm, 779

M

MacLean, Lloyd D. (with Benjamin Robert B., Flom, Robert S., and Lewis, F. John), Gradual closure of interatrial defects, 679

Madoff, Irving M., Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 321

(with Desforges, Gerard, Strieder, John W., and Lynch, Joseph P.), Traumatic rupture of diaphragm, 779

Maloney, James V., Jr. (with Marable, Samuel, and Longmire, William P., Jr.), Coronary perfusion as aid to open repair of atrial septal defects under hypothermia, 580

Maloney, Walter H. (with Haidak, Gerald, L., and Caplan, Bernerd), Air contrast bronchography, 63

Marable, Samuel (with Maloney, James V., Jr., and Longmire, William P., Jr.), Coronary perfusion as aid to open repair of atrial septal defects under hypothermia, 580

Mason, George A., Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 322

Massimo, C. (with Boffi, L.), Myocardial revascularization by new method of carrying blood directly from left ventricular cavity into coronary circulation, 257

McDaniel, J. R. (with Knepper, P. A.), Esophagopericardial fistula; report of case and review of literature, 173

McDonald, John R. (with Gatchell, Frank G., and Clagett, O. Theron), Desmoid tumor of intercostal muscles and thoracic wall, 184

Mechanical by-pass during thoracic aortic cross-clamping (King and Shumacker), 485

Mediastinal tumor, chordoma of thoracic spine appearing as (Buraczewski and Rudowski), 75

Mendelsohn, Harvey J., Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 320

Meredith, Jesse H. (with Bradshaw, H. H.), Fistula between aorta and superior vena cava; report of traumatic case with surgical repair, 278

Merendino, K. Alvin (with Herron, Paul W., and Thomas, George I.), Experimental approach to cardiospasm: appraisal of Finney pyloroplasty in prevention of esophagitis following Heller myotomy, 609

Mesothelioma, benign localized pleural; report of two cases (Heaney, Overton, and DeBakey), 553

Miscall, Laurence, Discussion of intrapericardial bronchogenic cysts, 734

Mitral stenosis, effect of exercise upon mean diastolic left atrial-left ventricular gradient (Litwak, Samet, Bernstein, Silverman, Turkewitz, and Lesser), 449

long-standing thrombosis of pulmonary arteries complicating valvulotomy for (Watt and Barrie), 804

Molthan, Marian F. (with Giannelli, Stanley, Jr., Best, Richard J. Dull, James A., and Kirby, Charles K.), Effects produced by various types of pump-oxygenators during two-hour partial infusions in dogs, 563

Moorehead, Donald (with Julian, O. C., Lopez-Belio, M., and Lima, Andre), Direct surgical procedures on coronary arteries: experimental studies, 654

Morris, George C., Jr. (with Witt, Raymond R., Cooley, Denton A., Moyer, John H., and DeBakey, Michael E.), Alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, 590

Morris, Joe D., Discussion thoracic surgery forum, 588

Morrow, Andrew G., Discussion of mitral valve disease, 465

Discussion thoracic surgery forum, 704

Moyer, John H. (with Morris, George C., Jr., Witt, Raymond R., Cooley, Denton A., and DeBakey, Michael E.), Alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, 590

Muehsam, Gerald E. (with Auerbach, Oscar, Gere, J. Brewster, Pawlowski, Joseph M., Smolin, Harold J., and Stout, Arthur Purdy), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298

Muller, William H., Jr., Discussion of surgical correction of transposition of aorta and pulmonary artery, 483

Discussion thoracic surgery forum, 703

Musser, Benjamin G. (with Goldberg, Harry), Left heart catheterization; evaluation of clinical application in 450 cases, 414

Myoblastoma, benign granular-cell, of bronchus (Peterson, Soule, and Bernatz), 95

Myocardial revascularization by new method of carrying blood directly from left ventricular cavity into coronary circulation (Massimo and Boffi), 257

Myocardium, ligation of internal mammary arteries as means of increasing blood supply to (Glover, Davila, Kyle, Beard, Trout, and Kitchell), 661

N

Nakagawa, Jiro (with Sato, Rikuhei, and Hasegawa, Ichiro), Experimental study of tracheal reconstruction, 526

Nemir, Paul, Jr., Discussion thoracic surgery forum, 641

Neuromuscular imbalance of esophagus associated with hiatal hernia as studied by means of cinefluorography and intraluminal pressure recordings (Cross, Kay, and Johnson), 736

Newman, Robert (with Brofman, Bernard L., Charms, Bernard L., Kohn, Paul M., Elder, John, and Rizika, Mary), Unilateral pulmonary artery occlusion in man; control studies, 206

O

Occlusion, unilateral pulmonary artery, in man; control studies (Brofman, Charms, Kohn, Elder, Newman, and Rizika), 206

Ochsner, Alton (with Hatch, Hurst B., Jr., and Bradford, J. K.), Value of routine pulmonary function studies in thoracic surgical cases; results in 212 cases, 351

Olsen, Arthur M. (with Schlegel, Jerry F., Creamer, Brian, and Ellis, F. Henry, Jr.), Esophageal motility in achalasia (cardiospasm) after treatment, 615

Otis, Richard D. (with Devenis, Algirdas M.), Tracheal atresia associated with tracheoesophageal fistula, 405

Overholt, Richard H., Discussion of symposium on carcinoma of lung, 308

Overton, Robert C. (with Heaney, John P., and DeBakey, Michael E.), Benign localized pleural mesothelioma; report of two cases, 553

P

Pacheco Carlos (with Gongora, Ernesto, Rivero, Octavio, and Green, Leon), Conservative treatment of bronchopleural fistula after pulmonary resection, 196

Paneth, Matthias, Discussion thoracic surgery forum, 589

(with Sellers, Robert, Gott, Vincent L., Weirich, William L., Allen, Peter, Read, Raymond C., and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Patent ductus arteriosus, infected, with massive lung infarction (Cope and Ellison), 190

Patrick, Robert T. (with Theye, Richard A., and Kirklin, John W.), Electroencephalogram in patients undergoing open intracardiac operations with aid of extracorporeal circulation, 709

Pattinson, J. N. (with Belcher, J. R.), Hypoplasia of lobar pulmonary arteries; report of three cases, 357

Pawlowski, Joseph M. (with Auerbach, Oscar, Gere, J. Brewster, Muehsam, Gerald E., Smolin, Harold J., and Stout, Arthur Purdy), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298

Payne, J. T. (with Strandness, D. E., Jr., and Gustafson, I. J.), Surgical resection of thoracic trachea; experimental study in dogs, 269

Peabody, Joseph W., Jr., Discussion of surgical treatment of chronic progressive pulmonary histoplasmosis, 342

Peirce, E. Converse, II (with Dabbs, C. Harwell, and Berg, Ralph, Jr.), Intrapericardial bronchogenic cysts, 718

Peterson, Paul A., Jr. (with Soule, Edward H., and Bernatz, Philip E.), Benign granular-cell myoblastoma of bronchus, 95

Phillips, Reginald J., Jr. (with Schultz, Don L., Carlson, Robert I., Auerbach, Stewart H., Schell, Merrill W., and Grace, James T.), Effects of cortisone on healing of bronchial stump in dogs, 67

Physiologic measurements using left heart catheterization, diagnostic and (Blakemore, Schnabel, Kuo, Conn, Langfeld, Heiman, and Woske), 436

Pidgeon breast, funnel chest, and related deformities of anterior chest wall, etiology and pathogenesis of (Lester), 1

Pilcher, R. S., Discussion of hiatus hernia, 777
Plastic sponge (Ivalon) in operative procedures for pulmonary tuberculosis, use of (Allen and Webb), 21
Pleuropulmonary complications of tularemia: two reports of tularemic lung abscesses (Sanborn and Purcell), 85
Plombage in surgical treatment of pulmonary tuberculosis (Joly, Tulou, Tiret, and Villemin), 36
Plum, George E. (with Hayles, Alvin B., Bruwer, André J., and Clagett, O. Theron), Supernumerary intrathoracic rib, 800
Pneumothorax, unilateral spontaneous, bilateral therapy for (Baronofsky, Warden, Kaufman, Whatley, and Hanner), 310
Polk, John W. (with Cubiles, J. A., and Buckingham, W. W.), Surgical treatment of chronic progressive pulmonary histoplasmosis, 323
Pontius, Robert G. (with Cooley, Denton A.), Modified sternal retractor for bilateral anterior thoracotomy, 135
Postoperative sodium excretion following administration of hypertonic sodium chloride solution (Kovarik and Laws), 624
Potts, Willis J. (with Baffes, Thomas G., Riker, William L., and De Boer, Arthur), Surgical correction of transposition of aorta and pulmonary artery, 469, 481
Poudrage, pleural talc, effects of, on pulmonary function (Knowles, Gorlin, and Storey), 250
Prostheses rigid, in vascular surgery, use of, (Byron, Fields, Hood, and Foster), 423
Prosthesis, chest wall, Ivalon as (Fitch, Glass, and Aves), 265
Pulmonary arteries complicating valvulotomy for mitral stenosis, long-standing thrombosis of (Watt and Barrie), 804
  lobar, hypoplasia of; report of three cases (Belcher and Pattinson), 357
  artery occlusion in man, unilateral; control studies (Brofman, Charms, Kohn, Elder, Newman, and Rizika), 206
  surgical correction of transposition of aorta and (Baffes, Riker, De Boer, and Potts), 469
  choriocarcinoma, metastatic, following bilobectomy, ten-year survival of, (Leahy, Constantine and Herrmann), 539
  flow, collateral, physiologic and pharmacologic studies of (State, Salisbury, and Weil), 599
  function, effects of pleural talc poudrage (Knowles, Gorlin, and Storey), 250
Pulmonary function—Cont'd
  effects of thoracotomy on; patients with localized pulmonary disease (Gorlin, Knowles, and Storey), 242
  studies routine in thoracic surgical cases, the value of; results in 212 cases (Hatch, Bradford, and Ochsner), 351
  histoplasmosis, chronic progressive, surgical treatment of (Polk, Cubiles, and Buckingham), 323
  resection, conservative treatment of bronchopleural fistula after (Pacheco, Gongora, Rivero, and Green), 196
  surgery, prophylaxis of cardiac arrhythmias complicating (Cerney), 105
  tuberculosis, influence of intra- and extrathoracic operations on electrocardiogram in patients (Laros and van der Slikke), 11
  limitations of laminagraphic interpretation in (Thomas), 53
  plombage in surgical treatment of (Joly, Tulou, Tiret, and Villemin), 36
  streptokinase and streptodornase in thoracic surgery for (Streete and Thomas), 49
  study of role of drug resistance in surgical treatment of; (Jan., 1947–June, 1956), (Sweetman and Salyer), 344
  use of plastic sponge (Ivalon) in operative procedures (Allen and Webb), 21
Pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, physiologic studies upon prolonged cardiopulmonary by-pass with (Paneth, Sellers, Gott, Weirich, Allen, Read, and Lillehei), 570
Pump-oxygenators during two-hour partial infusions in dogs, effects produced by (Giannelli, Molthan, Best, Dull, and Kirby), 563
Purcell, Elmer M. (with Sanborn, Earl B.), Pleuropulmonary complications of tularemia; two reports of tularemic lung abscesses, 85

R

Rasmussen, Richard A., Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 321
Read, Raymond C. (with Scholtes, Genevieve), Instrument table for cardiac surgery, 137
  (with Paneth, Matthias, Sellers, Robert, Gott, Vincent L., Weirich, William L., Allen, Peter, and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Read, Raymond C.
(with Rivkin, Laurence M., Lillehei, C. Walton, and Varco, Richard L.) Massive atelectasis of left lung in children with congenital heart disease, 116

Reeve, Thomas S. (with Kausel, Harvey W., Stein, Arthur A., Alley, Ralph D., and Stranahan, Allan), Anatomic and pathologic studies of thoracic duct, 631

Renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, alterations in (Morris, Witt, Cooley, Moyer, and DeBakey), 590

Retractor, modified sternal, for bilateral anterior thoracotomy (Pontius and Cooley), 135

Revascularization, myocardial, by new method of carrying blood directly from left ventricular cavity into coronary circulation (Boffi and Massimo), 257

Rhone, Thomas B. (with Sive, Eugene B.), Total gastrectomy: two case reports introducing use of two Levin tubes for aspiration and feeding purposes, 521

Rigler, Leo G., Roentgen study evolution of carcinoma of lung, 283

Riker, William L. (with Baffes, Thomas G., De Boer, Arthur, and Potts, Willis J.), Surgical correction of transposition of aorta and pulmonary artery, 469

Rivero, Octavio (with Pacheco, Carlos R., Gongora, Ernesto, and Green, Leon), Conservative treatment of bronchopleural fistula after resection, 196

Rivkin, Laurence M. (with Read, Raymond C., Lillehei, C. Walton, and Varco, Richard L.), Massive atelectasis of left lung in children with congenital heart disease, 116

Rizika, Mary (with Brofman, Bernard L., Charms, Bernard L., Kohn, Paul M., Elder, John, and Newman, Robert), Unilateral pulmonary artery occlusion in man; control studies, 206

Roentgen study of evolution of carcinoma of lung (Rigler), 283

Rudowski, Witold (with Buraczewski, Janusz), Chordoma of thoracic spine appearing as mediastinal tumor, 75

Rupture-separation of cervical trachea following closed chest injury (Beskin), 392

S

Salisbury, Peter F. (with State, David, and Weil, Peter), Physiologic and pharmacologic studies of collateral pulmonary flow, 599

Salyer, John M., Discussion of study of role of drug resistance in surgical treatment of pulmonary tuberculosis, 350

Discussion of surgical treatment of chronic progressive pulmonary histoplasmosis, 341

(with Sweetman, William R.), Study of role of drug resistance in surgical treatment of pulmonary tuberculosis; (Jan., 1947–June, 1956), 344

Samet, Philip (with Litwak, Robert S., Bernstein, William H., Silverman, Leonard M., Turkewitz, H., and Lesser, Milton E.), Effect of exercise upon mean diastolic left atrial-left ventricular gradient in mitral stenosis, 449

Samson, Paul C., Primary granular-cell myoblastoma of bronchus; report of case with resection, 409

Sanborn, Earl B. (with Purcell, Elmer M.), Pleuropulmonary complications of tularemia: two reports of tularemic abscesses, 85

Sarot, Irving A., Discussion of use of rigid prostheses in vascular surgery, 433

Sato, Rikuhei (with Hasegawa, Ichiro, and Nakagawa, Jiro), Experimental study of tracheal reconstruction, 526

Sayegh, Salem (with Creech, Oscar, Jr.), Transplantation of homologous canine heart, 692

Schell, Merrill W. (with Phillips, Reginald J., Jr., Schultz, Don L., Carlson, Robert I., Auerbach, Stewart H., and Grace, James T.), Effects of cortisone on healing of bronchial stump in dogs, 67

Schlegel, Jerry F. (with Olsen, Arthur M., Creamer, Brian, and Ellis, F. Henry, Jr.), Esophageal motility in achalasia (cardiospasm) after treatment, 615

Schnabel, T. G., Jr. (with Blakemore, W. S., Kuo, P. T., Conn, H. D., Jr., Langfeld, S. B., Heiman, D. D., and Woske, H.), Diagnostic and physiologic measurements using left heart catheterization, 436

Scholtes, Genevieve (with Read, Raymond C.), Instrument table for cardiac surgery, 137

Schultz, Don L. (with Phillips, Reginald J., Jr., Carlson, Robert I., Auerbach, Stewart H., Schell, Merrill W., and Grace, James T.), Effects of cortisone on healing of bronchial stump in dogs, 67

Seale, Ruth H. (with Hebert, William M., and Samson, Paul C.), Primary granular-cell myoblastoma of bronchus; report of case with resection, 409

Seley, Gabriel, Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 320

Sellers, Robert (with Paneth, Matthias, Gott, Vincent L., Weirich, William L., Allen, Peter, Read, Raymond C., and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570

Septal defects, interventricular, experiences in use of cardioplegia (induced cardiac arrest) in repair of (Lam, Gahagan, Sergeant, and Green), 509

Sergeant, Charles K. (with Lam, Conrad R., Gahagan, Thomas, and Green, Edward), Experiences in use of cardioplegia (induced cardiac arrest) in repair of interventricular septal defects, 509

Shaw, Robert R., Discussion of symposium on carcinoma of lung, 307

Shillitoe, A. J. (with Wilson, J. E.), Enterogenous cyst of thorax with pancreatic tissue as constituent, 810

Shumacker, Harris B., Jr., Discussion of symposium on cardiac arrest, 518

(with King, Harold), Mechanical by-pass during thoracic aortic cross-clamping, 485

Shumway, Norman E. (with Johnson, John A., and Stish, Richard J.), Study of ventricular fibrillation by threshold determinations, 643

Silverman, Leonard M. (with Litwak, Robert S., Samet, Philip, Bernstein, William H., Turkewitz, H., and Lesser, Milton E.), Effect of exercise upon mean diastolic left atrial-left ventricular gradient in mitral stenosis, 449

Sive, Eugene B. (with Rhone, Thomas B.), Total gastrectomy: two case reports introducing use of two Levin tubes for aspiration and feeding purposes, 521

Smith, Ralph C. (with Bailey, Charles P., and Goldberg, Harry), Aortic commisurotomy: physiologic evaluation by combined heart catheterization, 815

Smith, Sandy H., Technical assistant, 242

Smolin, Harold J. (with Auerbach, Oscar, Gere, J. Brewster, Pawlowski, Joseph M., Muehsam, Gerald E., and Stout, Arthur Purdy), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298

Snyder, John, Discussion of traumatic rupture of diaphragm, 797

Sodium excretion, postoperative, following administration of hypertonic sodium chloride solution (Kovarik and Laws), 624

Sones, F. Mason, Jr. (with Effler, Donald B., Groves, Laurence K., Knight, Harold F., Jr., and Kolff, Willem J.), Elective cardiac arrest—adjunct to open-heart surgery, 500

Soule, Edward H. (with Peterson, Paul A., Jr., and Bernatz, Philip, E.), Benign granular-cell myoblastoma of bronchus, 95

State, David (with Salisbury, Peter F., and Weil, Peter), Physiologic and pharmacologic studies of collateral pulmonary flow, 599

Stein, Arthur A. (with Kausel, Harvey W., Reeve, Thomas S., Alley, Ralph D., and Stranahan, Allan), Anatomic and pathologic studies of thoracic duct, 631

Stish, Richard J. (with Shumway, Norman E., and Johnson, John A.), Study of ventricular fibrillation by threshold determinations, 643

Stomach, coexistent achalasia of esophagus and hiatal hernia of cardiac end of (Euphrat and Delmonico), 395

Storey, Clifford F. (with Knowles, John H., and Gorlin, Richard, with technical assistance of Fletcher, Herbert P., and Guinee, Robert W.), Effects of pleural talc poudrage on pulmonary function, 250

(with Gorlin, Richard, and Knowles, John H., with technical assistance of Fletcher, Herbert P., and Smith, Sandy H.), Effects of thoracotomy on pulmonary function; patients with localized pulmonary disease, 242

Stout, Arthur Purdy (with Auerbach, Oscar, Gere, J. Brewster, Pawlowski, Joseph M., Muehsam, Gerald E., and Smolin, Harold J.), Carcinoma-in-situ and early invasive carcinoma occurring in tracheobronchial trees in cases of bronchial carcinoma, 298

Stranahan, Allen, Discussion of value of routine pulmonary function studies in thoracic surgical cases, 355

(with Kausel, Harvey W., Reeve, Thomas S., Stein, Arthur A., and Alley, Ralph D.), Anatomic and pathologic studies of thoracic duct, 631

Strandness, D. E., Jr. (with Gustafson, I. J., and Payne, J. T.), Surgical resection of thoracic trachea: experimental study in dogs, 269

Streete, Billie G. (with Thomas, David E.), Streptokinase and streptodornase in thoracic surgery for pulmonary tuberculosis, 49

Streptokinase and streptodornase in thoracic surgery for pulmonary tuberculosis (Streete and Thomas), 49

Strieder, John W., Discussion of value of routine pulmonary function studies in thoracic surgical cases; results in 212 cases, 356

Streider, John W.
(with Desforges, Gerard, Lynch, Joseph P., and Madoff, Irving M.), Traumatic rupture of diaphragm, 779

Sullivan, Herbert J., Supernumerary diaphragm with agenesis of upper lobe, 544

Surgical resection of thoracic trachea; an experimental study in dogs (Strandness, Gustafson, and Payne), 269

Sweet, Richard H., Discussion of hiatus hernia, 774

Sweetman, William R. (with Salyer, John M.), Study of role of drug resistance in surgical treatment of pulmonary tuberculosis; (Jan., 1947–June, 1956), 344

Synthetic steroid, Viadril, experimental studies in volunteers with: induction of anesthesia in patients undergoing thoracic surgery (Tonelli), 56

T

Taber, R. E., Discussion thoracic surgery forum, 642

Table, instrument, for cardiac surgery (Read and Scholtes), 137

Talc poudrage, pleural, on pulmonary function, effects of (Knowles, Gorlin, and Storey), 250

Theye, Richard A. (with Patrick, Robert T., and Kirklin, John W.), Electroencephalogram in patients undergoing open intracardiac operations with aid of extracorporeal circulation, 709

Thomas, David E., Limitations of laminagraphic interpretation in pulmonary tuberculosis, 53
(with Streete, Billie G.), Streptokinase and streptodornase in thoracic surgery for pulmonary tuberculosis, 49

Thomas, George I. (with Herron, Paul W., and Merendino, K. Alvin), Experimental approach to cardiospasm: appraisal of Finney pyloroplasty in prevention of esophagitis following Heller myotomy, 609

Thompson, Samuel A., Discussion thoracic surgery forum, 703

Thompson, Vernon, Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 322

Thoracic aortic cross-clamping, mechanical bypass during (King and Shumacker), 485
duct, anatomic and pathologic studies of (Kausel, Reeve, Stein, Alley, and Stranahan), 631
surgical cases, value of routine pulmonary studies in; results in 212 cases (Hatch, Bradford, and Ochsner), 351

Thoracotomy, bilateral anterior, modified sternal retractor for (Pontius and Cooley), 135
on pulmonary function, effects of; patients with localized pulmonary disease (Gorlin, Knowles, and Storey), 242

Thorax with pancreatic tissue as constituent, enterogenous cyst of (Shillitoe and Wilson), 810

Thrombosis, long-standing, of pulmonary arteries complicating valvulotomy for mitral stenosis (Watt and Barrie), 804

Tiret, Jacques (with Joly, Henri, Tulou, Pierre, and Villemin, Jean), Plombage in surgical treatment of pulmonary tuberculosis, 36

Tonelli, Oscar, Induction of anesthesia in patients undergoing thoracic surgery: experimental studies in volunteers with synthetic steroid, Viadril, 56

Trachea, cervical, following closed chest injury, rupture-separation of (Beskin), 392
thoracic, surgical resection of; experimental study in dogs (Strandness, Gustafson, and Payne), 269

Tracheal atresia associated with tracheoesophageal fistula (Devenis and Otis), 405
reconstruction, experimental study of (Sato, Hasegawa, and Nakagawa), 526

Tracheobronchial trees in cases of bronchial carcinoma, carcinoma-in-situ and early invasive carcinoma occurring in (Auerbach, Gere, Pawlowski, Muehsam, Smolin, and Stout), 298

Tracheoesophageal fistulas of congenital origin, esophageal atresias and (Haight), 141

Tracheostomy and artificial ventilation, treatment of ventilatory insufficiency by; study of 61 thoracic surgical cases (Björk and Engström), 228

Transplantation of homologous canine heart (Sayegh and Creech), 692

Transposition of aorta and pulmonary artery, surgical correction of (Baffes, Riker, De Boer, and Potts), 469

Traumatic rupture of diaphragm (Desforges, Strieder, Lynch, and Madoff, 779

Trout, Robert G. (with Glover, Robert P., Davila, Julio C., Kyle, Robert H., Beard, John C., Jr., and Kitchell, J. Roderick), Ligation of internal mammary arteries as means of increasing blood supply to myocardium, 661

Tularemia, pleuropulmonary complications of: two reports of tularemic lung abscesses (Sanborn and Purcell), 85

Tulou, Pierre (with Joly, Henri, Tiret, Jacques, and Villemin, Jean), Plombage in surgical treatment of pulmonary tuberculosis, 36

Tumor, desmoid, of intercostal muscles and thoracic wall (Gatchell, Clagett, and McDonald), 184

Tumor—Cont'd
mediastinal, chordoma of thoracic spine appearing as (Buraczewski and Rudowski) 75
Turbak, Charles E. (with Benjamin, Robert B., and Lewis, F. John), Effects of air embolism in systemic circulation and its prevention during open cardiac surgery, 548
Turkewitz, H. (with Litwak, Robert S., Samet, Philip, Bernstein, William H., Silverman, Leonard M., and Lesser, Milton E.), Effect of exercise upon mean diastolic left atrial-left ventricular gradient in mitral stenosis, 449
Tuttle, William M., Discussion of bilateral therapy for unilateral spontaneous pneumothorax, 319

V

Valvulotomy for mitral stenosis, long-standing thrombosis of pulmonary arteries complicating (Watt and Barrie), 804
van der Slikke (with Laros, C. D.), Influence of intra- and extrathoracic operations on electrocardiogram in patients with pulmonary tuberculosis, 11
Varco, Richard L. (with Rivkin, Laurence M., Read, Raymond C., and Lillehei, C. Walton), Massive atelectasis of left lung in children with congenital heart disease, 116
Vascular surgery, use of rigid prostheses in (Bryon, Fields, Hood, and Foster), 423
Ventilatory efficiency, survey of: bronchospirometry in lateral decubitus positions and in clinical practice (Alix and Lozano), 365
insufficiency by tracheostomy and artificial ventilation, treatment of; study of 61 thoracic surgical cases (Björk and Engström), 228
Ventricular fibrillation by threshold determinations, study of (Shumway, Johnson, and Stish), 643
Villemin, Jean (with Joly, Henri, Tulou, Pierre, and Tiret, Jacques), Plombage in surgical treatment of pulmonary tuberculosis, 36
Vineberg, Arthur M., Discussion thoracic surgery forum, 703

W

Warden, Horace G. (with Baronofsky, Ivan D., Kaufman, James L., Whatley, Joseph, and Hanner, Joseph M.), Bilateral therapy for unilateral spontaneous pneumothorax, 310
Waterman, David H., Discussion of hiatus hernia, 775
Watt, H. J. (with Barrie, H. J.), Long-standing thrombosis of pulmonary arteries complicating valvulotomy for mitral stenosis, 804
Webb, Watts, R. (with Allen, M. B., Jr.), Use of plastic sponge (Ivalon) in operative procedures for pulmonary tuberculosis, 21
Weil, Peter (with State, David, and Salisbury, Peter F.), Physiologic and pharmacologic studies of collateral pulmonary flow, 599
Weinberg, Joseph A., Discussion thoracic surgery forum, 642
Weirich, William L. (with Paneth, Matthias, Sellers, Robert, Gott, Vincent L., Allen, Peter, Read, Raymond C., and Lillehei, C. Walton), Physiologic studies upon prolonged cardiopulmonary by-pass with pump-oxygenator with particular reference to (1) acid-base balance, (2) siphon caval drainage, 570
Whatley, Joseph (with Baronofsky, Ivan D., Warden, Horace G., Kaufman, James L., and Hanner, Joseph M.), Bilateral therapy for unilateral spontaneous pneumothorax, 310
Wiedel, Philip D. (with Humphreys, George H., II, and Ferrer, Jose M., Jr.), Esophageal hiatus hernia of diaphragm, 749
Williams, G. Rainey, Discussion thoracic surgery forum, 706
(with Bahnson, Henry T.), Physiologic considerations of intracardiac pressures following closure of atrial septal defects, 685
Wilson, J. E. (with Shillitoe, A. J.), Enterogenous cyst of thorax with pancreatic tissue as a constituent, 810
Witmer, Robert H., Discussion of hiatus hernia, 776
Witt, Raymond R. (with Morris, George C., Jr., Cooley, Denton A., Moyer, John H., and DeBakey, Michael E.), Alterations in renal hemodynamics during controlled extracorporeal circulation in surgical treatment of aortic aneurysm, 590
Wolcott, M. W. (with Ellison, Robert G.), Insertion of Hufnagel valve for aortic insufficiency complicated by development of false aneurysm, 111
Woodruff, Warriner, discussion of study of role of drug resistance in surgical treatment of pulmonary tuberculosis, 349
Woske, H. (with Blakemore, W. S., Schnabel, T. G., Jr., Kuo, P. T., Conn, H. L., Jr., Langfeld, S. B., and Heiman, D. D.), Diagnostic and physiologic measurements using left heart catheterization, 436